

Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended): A direct backlight module, comprising:

a diffuser;

a reflecting plate disposed under the diffuser and having a first reflecting portion, a plurality of second reflecting portions and a plurality of third reflecting portions, wherein the first reflecting portion is disposed between two adjacent second reflecting portions and the two adjacent second reflecting portions are disposed between two adjacent third reflecting portions; and

an illumination tube disposed between the diffuser and the reflecting plate and located above the first reflecting portion and between the two adjacent third reflecting portions, wherein the height of the third reflecting portions protruding from the second reflecting portions is greater than the distance between the illumination tube and the first reflecting portion, and light beams from the illumination tube enter the diffuser directly and through reflections from the first reflecting portion, the second reflecting portions and the third reflecting portions.

2. (Previously presented) The direct backlight module as claimed in claim 1, wherein the height of the third reflecting portions is greater than that of the first reflecting portion.

3. (Previously presented) The direct backlight module as claimed in claim 1, wherein the first reflecting portion is a curved surface.

4. (Previously presented) The direct backlight module as claimed in claim 1, wherein the first reflecting portion is a triangular protrusion.

5. (Previously presented) The direct backlight module as claimed in claim 1, wherein the second reflecting portions are planar surfaces.
6. (Previously presented) The direct backlight module as claimed in claim 1, wherein the third reflecting portions are triangular protrusions.
7. (Original) The direct backlight module as claimed in claim 1, further comprising a prism disposed on the diffuser.
8. (Original) The direct backlight module as claimed in claim 1, further comprising a diffusing plate disposed on the diffuser.
9. (Currently Amended) A direct backlight module, comprising:
 - a diffuser;
 - a reflecting plate disposed under the diffuser and having a curved surface, a plurality of planar surfaces and a plurality of triangular protrusions, wherein the curved surface is disposed between two adjacent planar surfaces and the two adjacent planar surfaces are disposed between two adjacent triangular protrusions; and
 - an illumination tube disposed between the diffuser and the reflecting plate and located above the curved surface and between the two adjacent triangular protrusions, wherein the height of the triangular protrusions protruding from the planar surfaces is greater than the distance between the illumination tube and the curved surface, and light beams from the illumination tube enter the diffuser directly and through reflections from the curved surface, the planar surfaces and the triangular protrusions.
10. (Previously presented) The direct backlight module as claimed in claim 9, wherein the height of the triangular protrusions is greater than that of the curved surface.
11. (Original) The direct backlight module as claimed in claim 9, further comprising a prism disposed on the diffuser.

12. (Original) The direct backlight module as claimed in claim 9, further comprising a diffusing plate disposed on the diffuser.

13. (Currently Amended) A direct backlight module, comprising:

a diffuser;

a reflecting plate disposed under the diffuser and having a first triangular protrusion, a plurality of planar surfaces and a plurality of second triangular protrusions, wherein the first triangular protrusion is disposed between two adjacent planar surfaces and the two adjacent planar surfaces are disposed between two adjacent second triangular protrusions; and

an illumination tube disposed between the diffuser and the reflecting plate and located above the first triangular protrusion and between the two adjacent second triangular protrusions, wherein the height of the second triangular protrusions protruding from the planar surfaces is greater than the distance between the illumination tube and the first triangular protrusion, and light beams from the illumination tube enter the diffuser directly and through reflections from the first triangular protrusion, the planar surfaces and the second triangular protrusions.

14. (Previously presented) The direct backlight module as claimed in claim 13, wherein the height of the second triangular protrusions is greater than that of the first triangular protrusion.

15. (Original) The direct backlight module as claimed in claim 13, further comprising a prism disposed on the diffuser.

16. (Original) The direct backlight module as claimed in claim 13, further comprising a diffusing plate disposed on the diffuser.

17-25. (Canceled)